REPORT NO. 78-3-10

FOREST INSECT AND DISEASE MANAGEMENT UNIT
U.S. FOREST SERVICE
DORAVILLE, GEORGIA

REPORT OF AERIAL DETECTION SURVEY

LAND OWNERSHIP OR SURVEY AREA: U.S. Department of Interior
National Park Service
Natchez Trace Parkway
(Jackson North)

STATES: Mississippi, Tennessee, Alabama

AREA WITHIN SURVEY BOUNDARY: 33,000 acres

DATE: 5/24/78

PERCENT COVERAGE: 100%

AIRCRAFT: Cessna 206

CREW: B. I. Hammond
W. A. Carothers

REPORT PREPARED BY: W. A. Carothers

SURVEY OBJECTIVES: To detect the presence of any destructive forest insect or disease problems within the boundaries of the Natchez Trace Parkway.

SURVEY RESULTS AND CONCLUSIONS

1. Eleven spots of red-topped and/or yellowing pines were observed, but only two of these spots contained more than a single tree. One spot containing five trees and one spot containing twenty trees were observed (see partial map).

2. No areas of hardwood defoliation were observed.

3. Ground checks of the indicated spots should be conducted to determine the cause of the tree mortality.

4. Field surveillance for any forest insect or disease problem should be routinely conducted by Natchez Trace Parkway personnel.

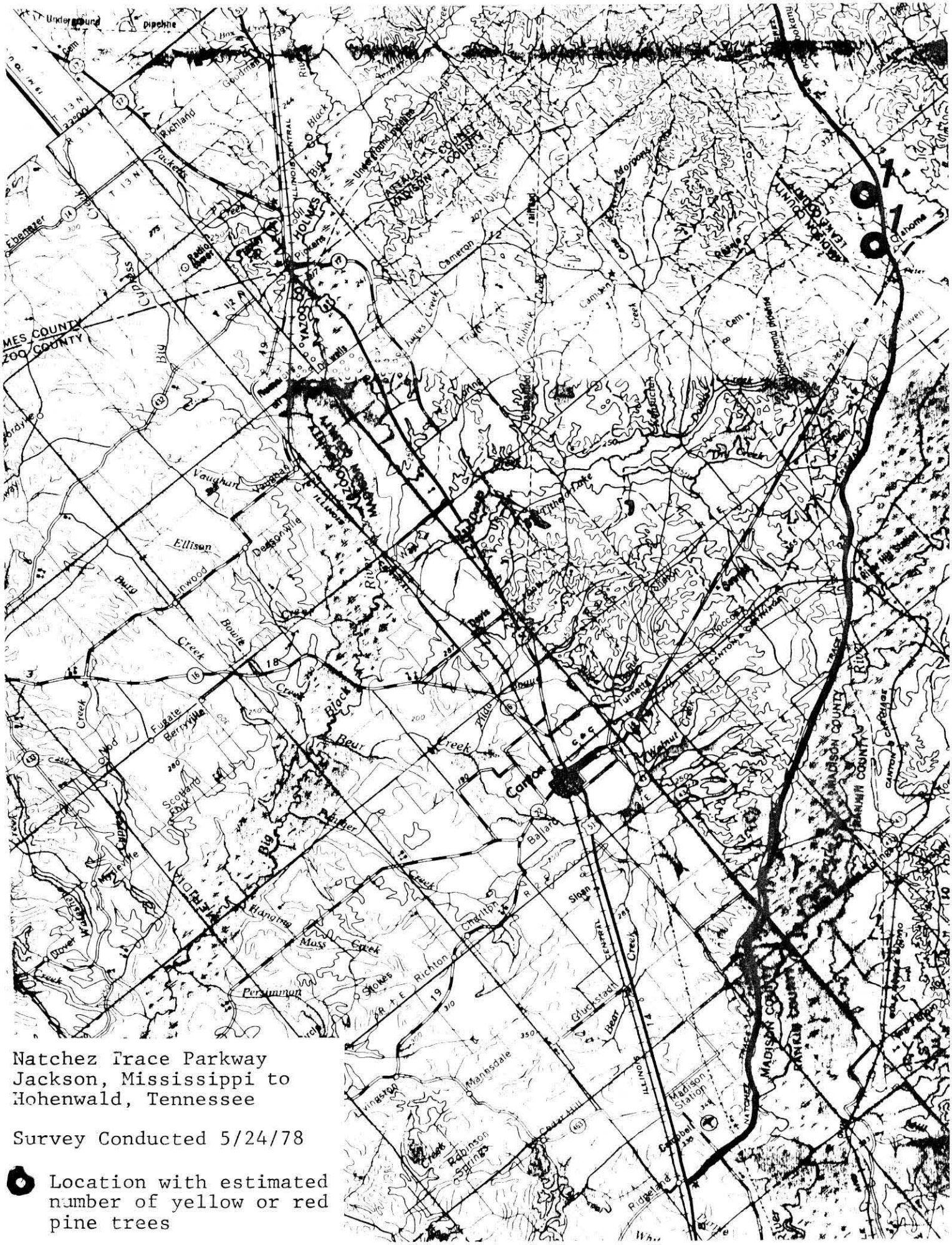
Any insect or disease problems can be reported to one of the following addresses:

Forest Insect & Disease Management Unit, S&PF
USFS - Southeastern Area

Northgate Office Park, Room 2103
3620 Interstate 85, N.E.
Doraville, Ga. 30340
Telephone: 404-221-4796

or

2500 Shreveport Highway
Pineville, La. 71360
Telephone: 318-445-6511

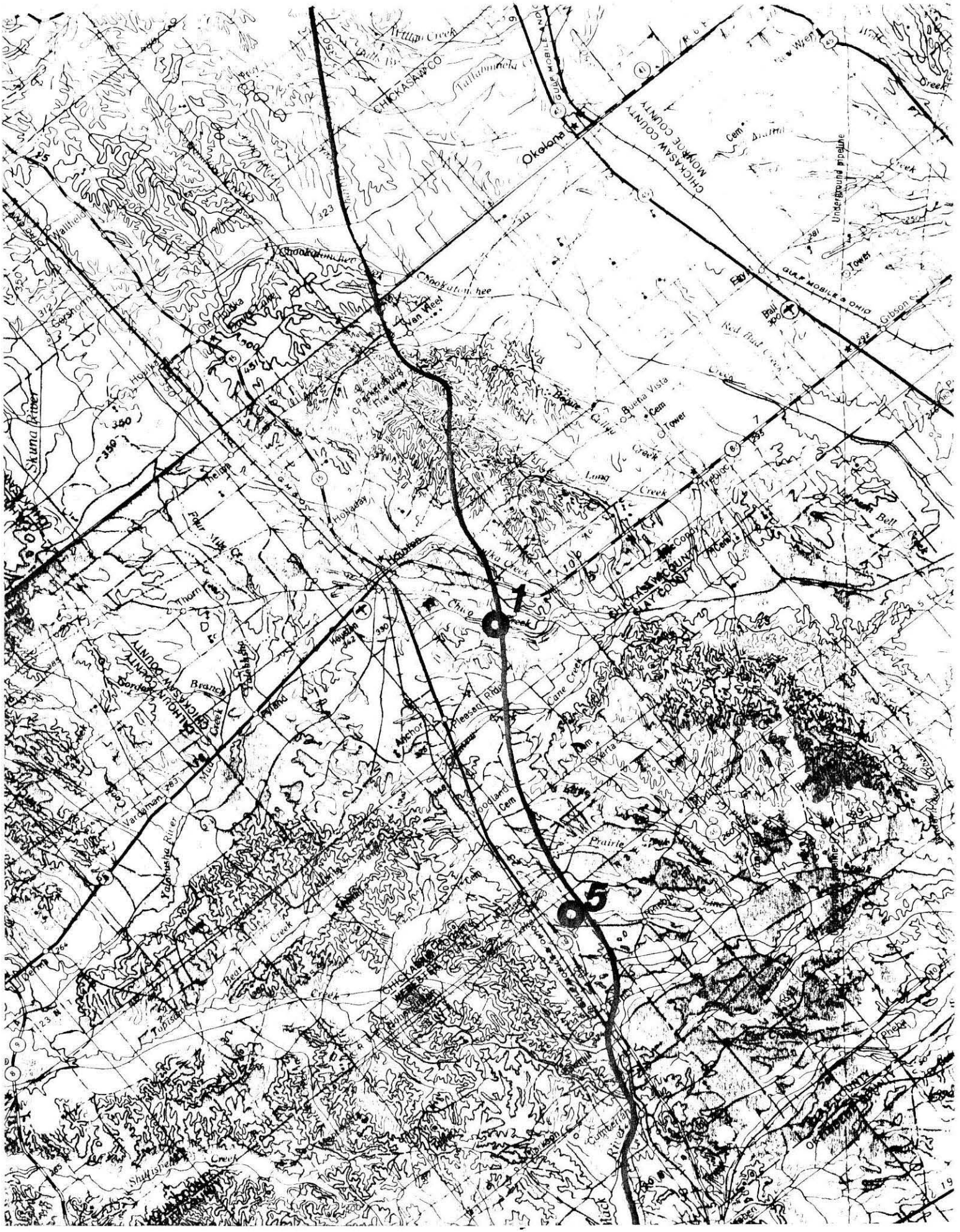


Natchez Trace Parkway
Jackson, Mississippi to
Hohenwald, Tennessee

Survey Conducted 5/24/78

Location with estimated number of yellow or red pine trees

Black River
Big Black River
Apookashoon Creek
Boyette
Bovina
Vicksburg
Yazoo
Towel
Sidney
Valley
Bethel
Dublin
Eldorado
Bovina
Vicksburg
Yazoo
Towel
Sidney
Valley
Bethel
Dublin
Eldorado


Okolona
CHICKASAW COUNTY
MONROE COUNTY
Skuna River
Chookatuntchee
Chookatuntchee Creek
Yan Weet
Old Pontotoc
Gershom
Holly Springs
Four Mile Creek
Thorn
Vardaman
Yalobusha River
Bear Creek
Shuqualak
Pleasant Plain
Anchor
Cane Creek
Prairie
Buena Vista
Cem.
Tower
Long Creek
Tibbee
Bell
Copeland
Gilbertown
Underground pipeline
Gulf, Mobile & Ohio
Red Bud Creek
Tallahumbeta Creek
Cumberland
Pheba
Tupisaw
Shuqualak Creek
Mud Creek
Branch
Pollard
Yellow Leaf
Hollyday
Pontotoc
Chickasaw County
Clay County
Monroe County
Choctaw County
Oktibbeha County
Noxubee County
Lowndes County
Webster County
Montgomery County
Winston County
Kemper County
Neshoba County
Leake County
Attala County
Carroll County
Grenada County
Calhoun County
Yalobusha County
Tallahatchie County
Panola County
Lafayette County
Marshall County
Tate County
DeSoto County
Tunica County
Quitman County
Coahoma County
Tallahatchie County
Sunflower County
Leflore County
Carroll County
Holmes County
Humphreys County
Yazoo County
Madison County
Rankin County
Scott County
Newton County
Jasper County
Clarke County
Wayne County
Jones County
Perry County
Forrest County
Lamar County
Marion County
Pearl River County
Hancock County
Harrison County
Jackson County
George County
Greene County
Stone County
Pearl River County
Walthall County
Pike County
Amite County
Wilkinson County
Adams County
Franklin County
Lincoln County
Lawrence County
Jefferson County
Claiborne County
Copiah County
Hinds County
Warren County
Issaquena County
Sharkey County
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